

Certificate of Analysis

SUPPLIER:	JK BIO-CHEM CO.,LTD		
PRODUCT:	D-XYLOSE		
BATCH NO.:	2013070501	DATE:	JULY 05, 2013
QUANTITY:	6000KGS	MANUFACTURING DATE:	JULY 05, 2013
		EXPIRY DATE:	JULY 04, 2015

ITEM	STANDARD	RESULTS
Identification	Meets the requirement	Confirm
Appearance	White crystals	White crystals
Assay (C ₅ H ₁₀ O ₅)	98.0-102.0%	99.21%
Other saccharide	≤2.0%	0.61%
Anticaking agent(SiO ₂)	0.5%-0.8%	0.5%
Loss on drying	≤0.1%	0.09%
Residue on ignition	≤0.05%	0.02%
Specific optical rotation (1g/25ml,water)	+18.2 °-- +19.4 °	+18.9 °
Ph in aqueous solution	3.0-6.0	5.33
Heavy metals(as pb)	≤0.001%	<0.001%
Arsenic(as as ₂ O ₃)	≤0.0002%	<0.0002%
Iron(as Fe)	≤5ppm	<5ppm
Sulfate	≤50ppm	<50ppm
Transmittance (2.0g/10ml,in water)	≥95.0%	98.7%
Total aerobic bacteria, CFU/g	≤1000	60
Coliform,CFU/g	absent	absent
Yeast &Mold, CFU/g	≤100	<10

FINAL RESULT: THIS BATCH IS CONFORMING TO THE STANDARD

INSPECTOR: 吴彬

QUALITY CONTROL SECTION: 王晓红

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